

## MULTIPURPOSE WEB-ENABLED BROWSER

### ABSTRACT OF THE DISCLOSURE

5 A hypertext browser for retrieving data from a selected one of a plurality of databases. One of the  
databases may comprise an Interface Repository, while others may store Naming contexts or Java  
classes. Each of a plurality of browser components is operable to retrieve data from a  
corresponding one of the databases. Upon receiving a hypertext request from a requester  
10 specifying data contained in one of the databases, a main browser servlet residing on a server  
machine directs the request to the browser component corresponding to that database to permit  
the browser component to retrieve the data specified in the request. The request may specify one  
of the browser components, in which case the main servlet directs the request to the browser  
component specified in the request. The main servlet generates common header and footer  
15 portions of a hypertext reply to the requester, while the browser component generates a  
browser-specific portion of the hypertext reply to the requester. Each browser component has a  
translator component associated therewith that intermediates between the browser component and  
the database and generates a request-specific portion of the browser-specific portion of the  
hypertext reply. The browser component itself generates a non-request-specific portion of the  
20 browser-specific portion of the hypertext reply to the requester.